

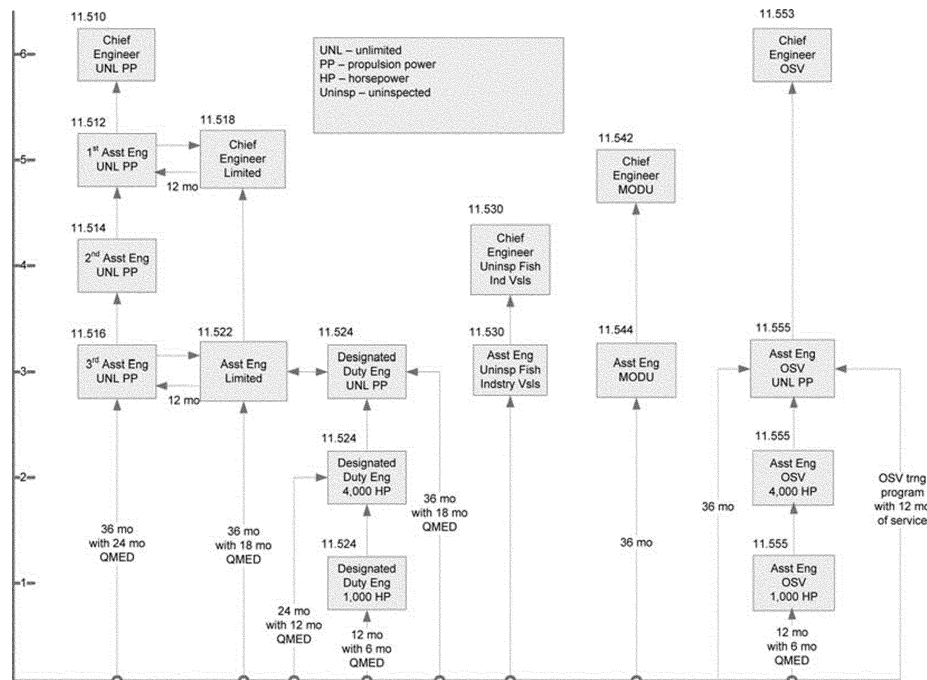
§ 11.512

6 months, whichever is less, of the service requirement for an endorsement as chief engineer (limited), assistant engineer (limited), or DDE.

§ 11.505 National engineer officer endorsements.

Figure 11.505(a) illustrates the national engineering endorsement structure, including crossover points.

Figure 11.505(a)—Structure of national engineer officer endorsements for non-seagoing service.



§ 11.510 Service requirements for national endorsement as chief engineer of steam, motor, and/or gas turbine-propelled vessels.

(a) The minimum service required to qualify an applicant for endorsement as chief engineer of steam, motor, and/or gas turbine-propelled vessels is—

(1) One year of service as first assistant engineer; or

(2) One year of service while holding a license or MMC endorsement as first assistant engineer. A minimum of 6 months of this service must have been as first assistant engineer, and the remainder must be as assistant engineer. Service as an assistant engineer other

than first assistant engineer is accepted on a two-for-one basis to a maximum of 6 months (2 days of service as a second or third assistant engineer equals 1 day of creditable service).

(b) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.325 and 11.331 of this part.

§ 11.512 Service requirements for national endorsement as first assistant engineer of steam, motor, and/or gas turbine-propelled vessels.

(a) The minimum service required to qualify an applicant for endorsement as first assistant engineer of steam,

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motor, and/or gas turbine-propelled vessels is—

(1) One year of service as an assistant engineer while holding a license or MMC with a second assistant engineer endorsement; or

(2) One year of service as a chief engineer (limited) and completing the appropriate examination described in subpart I of this part.

(b) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.327, 11.331, and 11.333 of this part.

§ 11.514 Service requirements for national endorsement as second assistant engineer of steam, motor, and/or gas turbine-propelled vessels.

(a) The minimum service required to qualify an applicant for endorsement as second assistant engineer of steam, motor, and/or gas turbine-propelled vessels is—

(1) One year of service as an assistant engineer, while holding a license or MMC endorsement as third assistant engineer; or

(2) One year of service while holding a license or MMC endorsement as third assistant engineer, which includes—

(i) A minimum of 6 months of service as third assistant engineer; and

(ii) Additional service as a qualified member of the engine department, calculated on a two-for-one basis.

(b) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.327, 11.329, and 11.333 of this part.

§ 11.516 Service requirements for national endorsement as third assistant engineer of steam, motor, and/or gas turbine-propelled vessels.

(a) The minimum service required to qualify an applicant for endorsement as third assistant engineer of steam, motor, and/or gas turbine-propelled vessels is—

(1) Three years of service in the engineroom of vessels, 2 years of which must have been as a qualified member of the engine department or equivalent position;

(2) Three years of service as an apprentice to the machinist trade engaged in the construction or repair of marine, locomotive, or stationary en-

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gines, together with 1 year of service in the engineroom as oiler, fireman/watertender, or junior engineer;

(3) Graduation from—

(i) The U.S. Merchant Marine Academy (engineering curriculum);

(ii) The U.S. Coast Guard Academy and completion of an onboard engineer officer qualification program required by the service;

(iii) The U.S. Naval Academy and completion of an onboard engineer officer qualification program required by the service; or

(iv) The engineering class of a Maritime Academy approved by and conducted under the rules prescribed by the Maritime Administrator and listed in part 310 of this title;

(4) Graduation from the marine engineering course of a school of technology accredited by the Accreditation Board for Engineering and Technology, together with 3 months of service in the engine department of steam, motor, or gas turbine-propelled vessels;

(5) Graduation from the mechanical or electrical engineering course of a school of technology accredited by the ABET, together with 6 months of service in the engine department of steam, motor, or gas turbine-propelled vessels;

(6) Satisfactory completion of a comprehensive apprentice engineers training program approved by the Coast Guard; or

(7) One year of service as assistant engineer (limited) of self-propelled vessels and completion of the appropriate examination described in subpart I of this part.

(b) Experience gained in the deck department on vessels of 100 GRT or more can be credited for up to 3 months of the service requirements under paragraph (a)(1) of this section.

(c) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.327, 11.329, and 11.333 of this part.

§ 11.518 Service requirements for national endorsement as chief engineer (limited) of steam, motor, and/or gas turbine-propelled vessels.

(a) The minimum service required to qualify an applicant for endorsement as chief engineer (limited) of steam, motor, and/or gas turbine-propelled vessels is 5 years of total service in the